

01 - Relative Strength Index

First Described by J.
Welles Wilder Jr. in
1978

LOGIC

$$RSI(n) = 100 - \frac{100}{(1 + RS(n))}$$

$$RS(n) = \frac{\text{esma}(n - \text{period gains})}{\text{abs}(\text{esma}(n - \text{period loss}))}$$

esma :- Exponentially smoothed moving average
(Can be Simple or Wilder's moving average)

abs :- Absolute value